Computing Services

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CXRO's Computing Services provide a variety of high-quality services to users
both in and out of CXRO, including:

- IT support:
    - Build and maintain computer hardware
    - Remote, automated Backup
    - Installation and upgrade of software packages
    - Web page hosting
    - Database hosting
- Software Development:
    - Control systems for endstations and standalone experiments
    - Equipment Protection Systems (EPS)
    - CORBA servers for remote monitoring and control
    - Programming in C/C++, LabVIEW, Java/Eclipse, PHP, IDL, and others
    - Web applications development

The unique collaborative environment fostered by CXRO shows in the interactions between
Computing Services and other employees at the Lab. We are motivated to finding the best
solution to any complex problems presented to us; this often requires flexibility and
a variety of perspectives.

FAQ

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Q: Where is Xshare?
A: Xshare is located on reba.lbl.gov, our primary file server. It can be accessed
through the network neighborhood in the domain MSD. The server name is
reba, and the share name is XSHARE. You can also obtain access via the
web by logging into this site, then clicking on My Groups and selecting My Folder (xshare).

Q: How do I change my password?
A: First, log in using your existing username and (old) password.
Then click on My Account and select the Change Password tab.

Q: Where can I scan and create PDF documents?
A: The 2-455 computer room has everything that you need to scan and create
PDF documents. There are 2 scanners available, and a copy of Adobe Acrobat.

Q: My (Windows) computer is infected. What do I do now?
A: Check to see if you have anti-virus software. If you have Sophos,
right-click on the system tray icon and select "Update Now". Then open Sophos and
select "Scan My Computer". If you have Symantec instead,
update the virus definitions by clicking "LiveUpdate."
Then click "Scan Computer" in the left hand toolbar. Check all
of the boxes that are local to your computer and click "SCAN."
If this does not work, please contact Jeff Gamsby.

Q: I cannot access the Internet, but it was working yesterday. What do I do?
A: If this happens to you, most likely the lab has blocked your machine from
network access. You should run Windows Update as soon as possible and
let Jeff Gamsby know so they can restore your network
access. In some cases opening a web browser will automatically take you
to a page where you can restore access yourself.

Staff

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Ron Tackaberry graduated from Southern Illinois University with a BS in Mathematics. He has been with the Center for X-Ray Optics for the last twenty years. He manages all of CXRO's systems and software. His primary interest is traveling.

Bob Gunion graduated from the University of Colorado, Boulder with a PhD in Physical Chemistry. He started working for the Center for X-Ray Optics in 1998. As a member of the Engineering Division, he designs and writes control & analysis software for several beamlines at the Advanced Light Source. His interests include: biking, sailing, running, and swimming.

Hanjing Huang graduated from Cal State Hayward with a MS in Comptuer Sciences. She is an equipment protection systems specialist. As a member of the Engineering Division, she has worked at the Advanced Light Source and the Center For X-Ray Optics since 2001. Her interests include: watching movies, reading, and swimming.

Jeff Gamsby is the primary systems administrator at CXRO. He is responsible for maintaining all computer systems in the group. He has been working at the LBL since 1996. His interests include: sports, cooking, and spending time with his family.